ELSEVIER

Speech Communication 22 (1997) 427–428

SPEECH COMMUNICATION

Cumulative contents of Volume 22

Volume 22, No. 1, July 1997

R.P. Lippmann
Speech recognition by machines and humans 1

G.-S. Poo
Large vocabulary Mandarin Final recognition based on Two-Level Time-Delay Neural Networks (TLTDNN) 17

M. Swerts and M. Ostendorf
Prosodic and lexical indications of discourse structure in human–machine interactions 25

G.P.M. Laan
The contribution of intonation, segmental durations, and spectral features to the perception of a spontaneous and a read speaking style 43

P. Alku, H. Strik and E. Vilkman
Parabolic spectral parameter – A new method for quantification of the glottal flow 67

Advance table of contents 81

News 83

Volume 22, Nos. 2–3, August 1997

Special Issue on Speech Production: Models and Data
Guest Editors: P. Perrier, R. Laboissière, C. Abry and S. Maeda

P. Perrier, R. Laboissière, C. Abry and S. Maeda
Editorial 89

L. Deng, G. Ramsay and D. Sun
Production models as a structural basis for automatic speech recognition 93

I. Titze, D. Wong, B. Story and R. Long
Considerations in voice transformation with physiologic scaling principles 113

G. Fant
The voice source in connected speech 125

P. Mergell and H. Herzel
Modelling biphonation – The role of the vocal tract 141

X. Pelorson, G.C.J. Hofmans, M. Ranucci and R.C.M. Bosch
On the fluid mechanics of bilabial plosives 155

Elsevier Science B.V.

M. Stone, M.H. Goldstein Jr and Y. Zhang
Principal component analysis of cross sections of tongue shapes in vowel production 173

Y. Payan and P. Perrier
Synthesis of V–V sequences with a 2D biomechanical tongue model controlled by the Equilibrium Point Hypothesis 185

S.A.J. Wood
A cinefluorographic study of the temporal organization of articulator gestures: Examples from Greenlandic 207

J. Perkell, M. Matthies, H. Lane, F. Guenther, R. Wilhelms-Tricarico, J. Wozniak and P. Guiod
Speech motor control: Acoustic goals, saturation effects, auditory feedback and internal models 227

G. Bailly
Learning to speak. Sensori-motor control of speech movements 251

P.F. MacNeilage, B.L. Davis and C.L. Matyear
Babbling and first words: Phonetic similarities and differences 269

T. Piske
Phonological organization in early speech production: Evidence for the importance of articulatory patterns 279

Advance table of contents 297

News 299

Volume 22, No. 4, September 1997

V. Valtchev, J.J. Odell, P.C. Woodland and S.J. Young
MMIE training of large vocabulary recognition systems 303

C. Nadeu, P. Pachès-Leal and B.-H. Juang
Filtering the time sequences of spectral parameters for speech recognition 315

R.A. Sukkar, A.R. Setlur, C.-H. Lee and J. Jacob
Verifying and correcting recognition string hypotheses using discriminative utterance verification 333

P. Bangayan, C. Long, A.A. Alwan, J. Kreiman and B.R. Gerratt
Analysis by synthesis of pathological voices using the Klatt synthesizer 343

J.-T. Chien and H.-C. Wang
Telephone speech recognition based on Bayesian adaptation of hidden Markov models 369

B. Imperl, Z. Kačič and B. Horvat
A study of harmonic features for the speaker recognition 385

L. Liu, J. He and G. Palm
Effects of phase on the perception of intervocalic stop consonants 403

Advance table of contents 419

News 421

Author index of Volume 22 425

Cumulative contents of Volume 22 427

Articles marked with this symbol include references to audio/video which can be retrieved at **http://www.elsevier.nl/locate/specom**.
Advance tables of contents can be retrieved at **http://www.elsevier.nl/locate/specom**.